AMENDMENTS TO THE CLAIMS

Claims 1, 3-9 and 11-20 are allowed. The following listing of claims replaces all prior versions and listings of claims in the subject application.

1. (CURRENTLY AMENDED) A modular patch antenna system comprising a first module and a second module, said first module comprising a first metal or metal-plated radiating layer, a second, middle dielectric layer, and a third metal or metal-plated ground layer, said second module comprising a frame that attaches to or fits onto the periphery of the first module, said frame comprising: a first metal or metal plated radiating layer, a second middle dielectric layer, and a third metal or metal plated ground layer, wherein the first metal or metal plated radiating layer in the second module ~~abuts~~ lies in substantially the same plane as the first metal or metal plated radiating layer in the first module, the second middle dielectric layer of the second module ~~abuts~~ lies in substantially the same plane as the second middle dielectric layer of the first module, and the third metal or metal plated ground layer in the second module ~~abuts~~ lies in substantially the same plane as the third metal or metal plated ground layer in said first module, and said frame has an inner periphery substantially the same as the outer periphery of said first module.

2. (CANCELLED).

3. (PREVIOUSLY PRESENTED) The antenna of claim 1, wherein all three layers of said second module have substantially the same height as the corresponding layers of said first module.

4. (ORIGINAL) The antenna of claim 1, wherein said first module has a circularly polarized gain, at elevation angles of about 40° or more in the sky, in the range of about +5 to about +6 dBic, providing favorable satellite signal reception performance.

5. (ORIGINAL) The antenna of claim 1 wherein said first and second modules are attached to one another, and said antenna has a circularly polarized gain at 0° elevation angle of at least about –2 dBic, providing favorable terrestrial signal reception performance.

6. (ORIGINAL) The antenna of claim 1 linked to a receiver adapted to receive radio broadcast signals with frequencies of at least about 2300 MHz.

7. (ORIGINAL) The antenna of claim 1 wherein said radiating layer and said ground layer comprise metal or metal plating selected from the group consisting of Ag, Au, Cu, Ni, and Al.

8. (ORIGINAL) The antenna of claim 1 wherein said dielectric layer comprises substances selected from the group consisting of Teflon, polytetrafluoroethylene, glass, ceramic, aluminum, a polymer, silica, and quartz.

9. (ORIGINAL) The antenna of claim 1 wherein the dielectric layer of said second module comprises the same substance as the dielectric layer in said first module.

10. (CANCELLED).

11. (CURRENTLY AMENDED) A module for a modular patch antenna system comprises a frame that attaches to or fits onto the periphery of a first module that comprises a first metal or metal-plated radiating layer, a second, middle dielectric layer, and a third metal or metal-plated ground layer, said frame comprising: a first metal or metal plated radiating layer, a second middle dielectric layer, and a third metal or metal plated ground layer, wherein the first metal or metal plated radiating layer in the second module ~~abuts~~ lies in substantially the same plane as the first metal or metal plated radiating layer in the first module, the second middle dielectric layer of the second module ~~abuts~~ lies in substantially the same plane as the second middle dielectric layer of the first module, and the third metal or metal plated ground layer in the second module ~~abuts~~ lies in substantially the same plane as the third metal or metal plated ground layer in said first module, and said frame has an inner periphery substantially the same as the outer periphery of the first module.

12. (CURRENTLY AMENDED) A modular patch antenna system comprising a first module and a second module, said first module comprising a first metal or metal-plated radiating layer, a second, middle dielectric layer, and a third metal or metal-plated ground layer, said second module comprising a frame that attaches to or fits onto the periphery of the first module, said frame comprising: a first metal or metal plated radiating layer, a second middle dielectric layer, and a third metal or metal plated ground layer, wherein the first metal or metal plated radiating layer in the second module ~~abuts~~ lies in substantially the same plane as the first metal or metal plated radiating layer in the first module, the second middle dielectric layer of the second module ~~abuts~~ lies in substantially the same plane as the second middle dielectric layer of the first module, and the third metal or metal plated

ground layer in the second module ~~abuts~~ lies in substantially the same plane as the third metal or metal plated ground layer in said first module, and said frame has an inner periphery substantially the same as the outer periphery of said first module.

13. (CURRENTLY AMENDED) The antenna of claim 12, wherein the dielectric layer of said second module ~~abuts~~ lies in substantially the same plane as the dielectric layer of the first module, and has an inner periphery substantially the same as the outer periphery of the dielectric layer of said first module.

14. (PREVIOUSLY PRESENTED) The antenna of claim 13, wherein all three layers of said second module have substantially the same height as the corresponding layers of said first module.

15. (PREVIOUSLY PRESENTED) The antenna of claim 12, wherein said first module has a circularly polarized gain, at elevation angles of about 40° or more in the sky, in the range of about +5 to about +6 dBic, providing favorable satellite signal reception performance.

16. (PREVIOUSLY PRESENTED) The antenna of claim 12, wherein said first and second modules are attached to one another, and said antenna has a circularly polarized gain at 0° elevation angle of at least about –2 dBic, providing favorable terrestrial signal reception performance.

17. (PREVIOUSLY PRESENTED) The antenna of claim 12 linked to a receiver adapted to receive radio broadcast signals with frequencies of at least about 2300 MHz.

18. (PREVIOUSLY PRESENTED) The antenna of claim 12, wherein said radiating layer and said ground layer comprise metal or metal plating selected from the group consisting of Ag, Au, Cu, Ni, and Al.

19. (PREVIOUSLY PRESENTED) The antenna of claim 12, wherein said dielectric layer comprises substances selected from the group consisting of Teflon, polytetrafluoroethylene, glass, ceramic, aluminum, a polymer, silica, and quartz.

20. (PREVIOUSLY PRESENTED) The antenna of claim 12, wherein the dielectric layer of said second module comprises the same substance as the dielectric layer in said first module.

21. (CANCELLED)